

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Docket No: Q66372
Keiji YURUGI, et al.	Group Art Unit: 1621
Appln. No.: 09/982,861	Examiner: Karl J. PUTTLITZ
Confirmation No.: 7705	Patent No.: 7,321,051
Filed: October 22, 2001	Issue Date: January 22, 2008

For: COMPOSITION OF VINYL ETHER GROUP-CONTAINING (METH) ACRYLIC
ACID ESTER AND PRODUCTION METHOD THEREOF

REQUEST FOR CERTIFICATE OF CORRECTION

ATTN: Certificate of Correction Branch

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

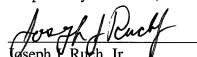
Sir:

Pursuant to the provisions of 37 C.F.R. § 1.322, please enter the attached Certificate of Correction.

Since the errors noted are believed to be the fault of the Patent and Trademark Office, we are not enclosing the \$100.00 Certificate of Correction fee. If it is found to be to the contrary, please charge our Deposit Account No. 19-4880.

In view of the foregoing, issuance of the Certificate of Correction is respectfully requested.

Respectfully submitted,



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WASHINGTON OFFICE

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Date: August 6, 2008

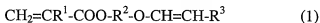
**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO: 7,321,051
DATED: January 22, 2008
INVENTORS: Keiji YURUGI and Hiroko YAMAGUCHI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 54, please amend claim 1 as follows:

1. (currently amended): A method of producing a vinyl ether group-containing (meth) acrylic ester represented by the following formula (1):



in the formula, R^1 represents a hydrogen atom or a methyl group, R^2 represents a straight, branched or cyclic alkylene group containing 2 to 20 carbon atoms, an alkylene group containing 2 to 20 carbon atoms and having at least one oxygen atom in the form of an ether linkage and/or an ester linkage within the structure thereof, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted, R^3 represents a hydrogen atom, a straight, branched or cyclic alkyl group containing 1 to 10 carbon atoms, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted,

with a (meth) acrylic ester represented by the following formula (3):



in the formula, R^1 represents a hydrogen atom or a methyl group and R^4 represents a straight, branched or cyclic alkyl group containing 1 to 8 carbon atoms and wherein said hydroxyl

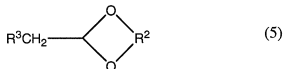
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group-containing vinyl ether contains, as an impurity, at least one compound selected from the group consisting of a divinyl ether represented by the following formula (4):



in the formula, R^2 represents a straight, branched or cyclic alkylene group containing 2 to 20 carbon atoms, an alkylene group containing 2 to 20 carbon atoms and having at least one oxygen atom in the form of an ether linkage and/or an ester linkage within the structure thereof, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted, and the two R^3 groups are the same or different and each represents a hydrogen atom, a straight, branched or cyclic alkyl group containing 1 to 10 carbon atoms, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted, a 2-substituted-1, 3-dioxo compound represented by the following formula (5):

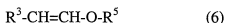


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in the formula, R² represents a straight, branched or cyclic alkylene group containing 2 to 20 carbon atoms, an alkylene group containing 2 to 20 carbon atoms and having at least one oxygen atom in the form of an ether linkage and/or an ester linkage within the structure thereof, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted, and R³ represents a hydrogen atom, a straight, branched or cyclic alkyl group containing 1 to 10 carbon atoms, or an aromatic group which contains 6 to 11 carbon atoms, and may optionally be substituted, and

an unsaturated bond-containing vinyl ether represented by the following formula (6):



in the formula, R³ represents a hydrogen atom, a straight, branched or cyclic alkyl group containing 1 to 10 carbon atoms, or an aromatic group which contains 6 to 11 carbon atoms and may optionally be substituted; R⁵ represents an organic residue containing an unsaturated bond

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represented by $-CR^6=CR^7$; and R^6 and R^7 are the same or different and each represents a hydrogen atom or an organic residue.

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